

INTERNATIONAL SEARCH REPORT

Rec'd PCT/PTO 25 JUN 2004

International Classification No

PCT/SG 02/00296

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B24C9/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B24C B07B B03B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 328 638 B1 (CHIN DANIEL ET AL) 11 December 2001 (2001-12-11)	14-18
A	column 1, line 15 - line 26 column 2, line 11 - line 64 figure 1	1-13
Y	EP 1 034 891 A (TORBO ENGINEERING KEIZERS GMBH) 13 September 2000 (2000-09-13) the whole document	14-18, 26,27
X	GB 1 076 922 A (SIMON LTD HENRY) 26 July 1967 (1967-07-26)	20-25
Y	page 1, right-hand column, line 66 -page 2, right-hand column, line 115 figure 1	26,27
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

5 March 2003

Date of mailing of the international search report

19/03/2003

Name and mailing address of the ISA

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International Publication No
PCT/SG 02/00296

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 198 43 683 A (LUTZE HANS ;MORSCHETT PETER (DE)) 30 March 2000 (2000-03-30) column 1, line 4 - line 5 claim 1	28
A	EP 0 622 121 A (WESTINGHOUSE ELECTRIC CORP) 2 November 1994 (1994-11-02) the whole document	1-28

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/SG 02/00296

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claims Nos.: 29-32
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 29-32

These claims do not define the matter for which protection is sought in terms of technical features according to Article 6 and Rule 6.3(a) PCT. Since no technical features are defined, a meaningful search cannot be carried out by the international search authority.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

INTERNATIONAL SEARCH REPORT

 International Application No
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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			US 6299510 B1	09-10-2001
			AU 6937400 A	19-03-2001
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			EP 1034891 A2	13-09-2000
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EP 0622121	A	02-11-1994	US 5372650 A	13-12-1994
			CA 2122194 A1	28-10-1994
			CZ 9401006 A3	16-08-1995
			EP 0622121 A1	02-11-1994